

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A switchgear assembly module for controlling and monitoring at least one electrical load in ~~the an~~ outgoer of a low-voltage switchgear assembly, having at least one communication interface for connection to a bus system, having a programmable controller and having configurable protective functions, wherein

the switchgear assembly module is formed from interchangeable components and has at least one central unit as well as at least one bus connection unit with a communication interface to control and monitor the at least one electrical load in the outgoer of a low-voltage switchgear assembly,

[-] additional connection slots are provided for holding at least one power unit and at least one input/output unit, and

an internal bus is provided for communication from the central unit with the other components for the central unit to process data received from the other components which are located in the switchgear assembly module.

2. (Previously Presented) The switchgear assembly module as claimed in claim 1, wherein the central unit has a programmable control and configurable protective functions, and wherein an external interface is provided for connection of a control/configuration unit or of a programmer.

3. (Previously Presented) The switchgear assembly module as claimed in claim 2, wherein the external interface is an electrical, optical or wire-free interface.

4. (Currently Amended) The switchgear assembly module as claimed in claim 1, ~~characterized in that~~ wherein an input/output unit has binary inputs, binary outputs, analogue inputs, analogue outputs or a combination thereof.

5. (Currently Amended) The switchgear assembly module as claimed in claim 1, wherein the at least one bus connection unit together with one or more further bus connection units that are provided and/or one or more input/output units that are provided forms an interface unit.

6. (Previously Presented) The switchgear assembly module as claimed in claim 1, wherein a power unit has an outgoer section, a feed section, a measurement device and a processing unit.

7. (Previously Presented) The switchgear assembly module as claimed in claim 6, wherein a power unit additionally has a main switching device and/or a switch disconnector.

8. (Previously Presented) The switchgear assembly module as claimed in claim 6, wherein the measurement device has one or more sensors for current

measurement, and/or for voltage measurement and/or for temperature measurement.

9. (Previously Presented) The switchgear assembly module as claimed in claim 8, wherein the measurement device has further sensors for measurement of further environmental variables.

10. (Previously Presented) The switchgear assembly module as claimed in claim 7, wherein the processing unit is an electronic circuit and has inputs for reading the values measured by the measurement device, and/or inputs for reading a position message from the main switching device and/or from the switch disconnector and/or other status messages and/or outputs for driving the main switching device and/or the switch disconnector and/or other appliances.

11. (Currently Amended) The switchgear assembly module as claimed in claim 10, wherein the processing unit has means in order to use the currents and voltages read by the measurement Device to calculate ~~the a~~ real power supplied to ~~the a~~ load, ~~the a~~ wattless component supplied to the load, the volt-amperes supplied to the load, ~~the a~~ power factor and ~~the a~~ mains frequency.

12. (Currently Amended) The switchgear assembly module as claimed in claim 2, wherein the control/configuration unit has a first interface for connection to the external interface ~~of the central unit~~, as well as visual indications and/or switches and/or keys.

13. (Previously Presented) The switchgear assembly module as claimed in claim 12, wherein the first interface is an electrical, optical or wire-free interface.

14. (Previously Presented) The switchgear assembly module as claimed in claim 12, wherein the control/configuration unit has a second interface for connection of a programmer.

15. (Previously Presented) The switchgear assembly module as claimed in claim 14, wherein the second interface is an electrical, optical or wire-free interface.

16. (Currently Amended) The ~~switchgear~~ switchgear assembly module as claimed in claim 2, wherein a standard PC with ~~an appropriate~~ a programming interface, or a standard PDA with an appropriate programming interface is provided as the programmer.

17. (Currently Amended) The switchgear assembly module as claimed in claim 2, wherein the central unit has an integrated web server, which allows programming of the programmable controller and/or configuration of the protective functions, and/or control of the switchgear assembly module with ~~the~~ an aid of a standard web browser installed in the programmer.